

~~Sub A~~

1. A method for determining the voicing of a speech signal segment, comprising the steps of: dividing a speech signal segment into sub-segments, determining a value relating to the voicing of respective speech signal sub-segments, comparing said values with a predetermined threshold, and making a decision on the voicing of the speech segment based on the number of the values on one side of the threshold.

2. A method of claim 1, wherein said step of making a decision is based on whether the value relating to the voicing of the last sub-segment is on the one
10 side of the threshold.

3. A method of claim 1, wherein said step of making a decision is based on whether the values relating to the voicing of last K_{tr} sub-segments are on the one side of the threshold.

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4. A method of any preceding claim, wherein said step of making a decision is based on whether the values relating to the voicing of substantially half of the sub-segments of the speech signal segment are on the one side of the threshold.

5. A method of any preceding claim, wherein said value related to voicing of respective speech signal sub-segments comprises an autocorrelation value.

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25 6. A method of claim 5, wherein said autocorrelation value is determined based on the estimated pitch period.

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7. A method of any preceding claim, wherein the determining the voicing of a speech signal segment comprises a voiced/unvoiced decision.

30 8. A device for determining the voicing of a speech signal segment,
comprising means (106) for dividing a speech signal segment into sub-
segments, means (110) for determining a value relating to the voicing of

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